## Gerald Gentleman Station - Unit 1 & 2 Project Action List

Project No. 12681 - 006

All Action Items (Open, Closed, Pending Closure & Hold) - Sorted By:Action Item Number



ction lem	Status	Unit	Document Number	Description	Reference	Priority	Open Date Due Date	Achievable Date Close Date	Responsible Engineer Organization	Remarks Resolution
1 0441	Open	1 & 2		Updated capital cost estimate to NPPD for review.		Medium	6/17/2011 8/31/2011		Chris Hornish Sargent & Lundy LLC	Update issued 08-31-11; market volatility factor analysis issued on 09-15-11. O&M costs for FGD and ACI were issued 10-14-11 per NPPD-SL-314.
1 0442	Open	1 & 2		Updated project schedule and identifications for long lead-time items to NPPD for review.	:	Medium	6/17/2011 8/31/2011		Steve Pasimeni Sargent & Lundy LLC	Issued for NPPD comment 08-31-11.
1 0443	Open	1 & 2		Submit wet FGD technical specifications suitable for bid purposes.		Medium	6/17/2011 9/30/2011		Chris Hornish Sargent & Lundy LLC	Spec. (G-5301, rev. 3) to NPPD for comments 09-08-11; NPPD comments?
1 0444	Open	1 & 2		Submit ID fans and motors technical specifications suitable for bid purposes.		Medium	6/17/2011 10/31/2011		Steve Pasimeni Sargent & Lundy LLC	Issue to NPPD for comment 09-21-11. (Spec. G-5303, rev. 2).
1 0445	Open	1 & 2		Submittal of all remaining deliverables completion of work.	3	Medium	6/17/2011 3/31/2012		Paul Hoomaert Sargent & Lundy LLC	
1 0446	Open	1 & 2		Schedule of the balance of the restart activities.		Medium	6/17/2011 7/25/2011		Steve Pasimeni Sargent & Lundy LLC	Schedule issued ~ 07-28-11; keep open pending any NPPD comments/feedback.
1 0451	Open	1 & 2		Prepare water balance for NPPD comment - For FGD.		Medium	6/30/2011 7/29/2011		Wayshalee Patel Sargent & Lundy LLC	Submitted 07-29-11. NPPD comments issued 08-24-11. Reissued on 09-15-11. Bob Nitsch comments received 09-19-11 (Transmittal #294); S&L response issued 10-14-11 per NPPD-SL-315.
									Angress of Burges is R	# 254 1994 1. Do 143 1. D 164 8 81
				the true that have stated as the state of		Art let				
1 0469	Open	1 & 2		Prepare a list of questions/issues regarding commercial portion of bid documents; issue to Bob Nitsch prior to Don Muhle/Linda H/S&L conference call (Ref. Al 0465).		Medium	8/16/2011 8/18/2011		Chris Hornish Sargent & Lundy LLC	CC: JMM, Linda H, Don Muhle. List issued 08-17-11; conference call 08-22-11 to discuss. Chris to submit additional questions regularly as they arise.

## Gerald Gentleman Station - Unit 1 & 2 Project Action List

Project No. 12681 - 006

All Action Items (Open, Closed, Pending Closure & Hold) - Sorted By:Action Item Number



n 1&2		White Paper on CEMS for pm and HCI (Utility MACT).  White paper on CEMS requirements for MPCE equipment additions. Also, determine if existing CEMS equipment could be reused.		Medium Medium	10/5/2011 12/1/2011 8/16/2011		Paul Farber Sargent & Lundy LLC Y S Lin	Scope Document issued 09-14-11; reissued 09-21-11 to incorporate Bob's comments. Authorization to proceed 10-05-11. Draft to NPPD for review 11-15-11. Chris H - Make sure new chimney spec includes the necessary penetrations.  Related to Al #0471 (Utility
		for MPCE equipment additions. Also, determine if existing CEMS equipment		Medium	8/16/2011			
w 100							Sargent & Lundy LLC	MACT); this AI covers the MPCE equipment additions. Bob Nitsch was to provide information on the existing CEMS. On 11-17-11 NPPD advised, CEMS information can be found in NPPD transmittal #171A.
n 1&2		Input to FGD Spec: Contract Document Rule #10 - NPPD to advise on what drawing hard copies should be submitted by contractor in addition to electronic format.		Medium	8/22/2011		Bob Nitsch Nebraska Public Power District	Ref: 08-22-11 Bob Nitsch, Don Muhle conference call.
n 1&2		Input to FGD Spec: Contract Document Rule #13 - NPPD to advise if taxes are to be included by EPC contractor and if so on what (i.e., equipment, material, labor?)		Medium	8/22/2011		Don Muhle Nebraska Public Power District	Ref: 08-22-11 Bob Nitsch, Don Muhle conference call. S&L to see if this is covered NPPD Section C.
n 1&2		Input to Supply Only Specs: Need a better definition of F.O.B. (i.e., who takes ownership of equipment and material and when)?		Medium	8/22/2011		Don Muhle Nebraska Public Power District	Ref: 08-22-11 Bob Nitsch, Don Muhle conference call.
n 1&2		Input to FGD Spec: OCIP vs. contractor provided insurance.		Medium	8/22/2011		John Meacham Nebraska Public Power District	Ref: 08-22-11 Bob Nitsch, Don Muhle conference call. Previously discussed on MPCE study work (2008/2009 timeframe).
n 1&2		Input to FGD Spec: Basis for release of retainage.		Medium	8/22/2011		Bob Nitsch Nebraska Public Power District	Ref: 08-22-11 Bob Nitsch, Don Muhle conference call.
n 1&2		Advise NPPD (via a short white paper) as to what MPCE equipment, if any, will require emergency power in the case of a plant blackout.		Medium	9/19/2011		Wayshalee Pafel Sargent & Lundy LLC	Ref: NPPD (Bob Nitsch) 09-19-11 e:mail. Issued for NPPD use per NPPD-SL-321, dated 11-15-11.
n n	1 & 2	1 & 2 1 & 2 1 & 2	on what drawing hard copies should be submitted by contractor in addition to electronic format.  1 & 2 Input to FGD Spec: Contract Document Rule #13 - NPPD to advise if taxes are to be included by EPC contractor and if so on what (i.e., equipment, material, labor?)  1 & 2 Input to Supply Only Specs: Need a better definition of F.O.B. (i.e., who takes ownership of equipment and material and when)?  1 & 2 Input to FGD Spec: OCIP vs. contractor provided insurance.  1 & 2 Input to FGD Spec: Basis for release of retainage.  1 & 2 Advise NPPD (via a short white paper) as to what MPCE equipment, if any, will require emergency power in the case of a plant blackout.	on what drawing hard copies should be submitted by contractor in addition to electronic format.  1 & 2 Input to FGD Spec: Contract Document Rule #13 - NPPD to advise if taxes are to be included by EPC contractor and if so on what (i.e., equipment, material, labor?)  1 & 2 Input to Supply Only Specs: Need a better definition of F.O.B. (i.e., who takes ownership of equipment and material and when)?  1 & 2 Input to FGD Spec: OCIP vs. contractor provided insurance.  1 & 2 Input to FGD Spec: Basis for release of retainage.  1 & 2 Advise NPPD (via a short white paper) as to what MPCE equipment, if any, will require emergency power in the case of a plant blackout.	on what drawing hard copies should be submitted by contractor in addition to electronic format.  1 & 2	on what drawing hard copies should be submitted by contractor in addition to electronic format.  1 & 2	on what drawing hard copies should be submitted by contractor in addition to electronic format.  1 & 2	on what drawing hard copies should be submitted by contractor in addition to electronic format.  1 & 2 Input to FGD Spec: Contract Document Rule #13 - NPPD to advise if taxes are to be included by EPC contractor and if so on what (i.e., equipment, material, labor?)  1 & 2 Input to Supply Only Specs: Need a better definition of F.O.B. (i.e., who takes ownership of equipment and material and when)?  1 & 2 Input to FGD Spec: OCIP vs. Contractor provided insurance.  Medium 8/22/2011 Don Muhle Nebraska Public Power District  1 & 2 Input to FGD Spec: OCIP vs. Medium 8/22/2011 John Meacham Nebraska Public Power District  1 & 2 Input to FGD Spec: Basis for release of retainage.  Medium 8/22/2011 Bob Nitsch Nebraska Public Power District  1 & 2 Advise NPPD (via a short white paper) as to what MPCE equipment, if any, will require emergency power in the case of a plant blackout.

## Gerald Gentleman Station - Unit 1 & 2 Project Action List

Project No. 12681 - 006

All Action Items (Open, Closed, Pending Closure & Hold) - Sorted By:Action Item Number



Action Item	Status	Unit	Document Number	Description	Reference	Priority	Open Date Due Date	Achievable Date Close Date	Responsible Engineer Organization	Remarks Resolution
11 0491	Open	1&2		Locate new diesel-generator (D-G) on the GA.		Medium	9/22/2011		Chris Hornish Sargent & Lundy LLC	Cost estimate includes a new D-G.
11 0492	Open	1&2		Revisit material handling options regarding limestone. (Precrushed limestone in lieu of on-site crushing).		Medium	10/5/2011		John Meacham Nebraska Public Power District	
11 0493	Open	1 & 2		White paper to address issues if SCR first with FGD installed later.		Medium	10/5/2011		Steve Pasimeni Sargent & Lundy LLC	S&L sent John M e:mail with man-hours on 10-27-11; in-progress based on NPPD's 11-02-11 authorization to proceed.
11 0494	Open	1 & 2		Unit 2 air heater replacement study.		Medium	10/5/2011		Steve Pasimeni Sargent & Lundy LLC	S&L sent John M e:mail with man-hours on 10-27-11; in-progress based on NPPD's 11-02-11 authorization to proceed.
11 0496	Open	1 & 2		Close out FGD G-5301 outstanding issues.		Medium	10/5/2011		Don Muhle Nebraska Public Power District	
11 0497	Open	1 & 2		Close out ID fan G-5303 outstanding issues.		Medium	10/5/2011		Don Muhle Nebraska Public Power District	
11 0498	Open	1&2		Close out chimney G-5326 outstanding issues.		Medium	10/5/2011		Don Muhle Nebraska Public Power District	
11 0499	Open	1 & 2		Close out material handling G-5307 outstanding issues.		Medium	10/5/2011		Don Muhle Nebraska Public Power District	
11 0500	Open	1 & 2		Prepare draft of a Section G introduction page.		Medium	10/5/2011		Chris Hornish Sargent & Lundy LLC	Draft issued 10-06-11. 11-17-11 Update: NPPD plans on issuing comments.
11 0501	Open	1 & 2		Scope Document and man-hours for SCR catalyst spec for bid thru to award.		Medium	10/5/2011		Paul Hoornaert Sargent & Lundy LLC	Ref: S&L e:mail of 10-14-11; NPPD authorized work to proceed per JMM 10-17-11 e:mail. NPPD provided their comments on the first draft of this spec; S&L proceeding.
11 0502	Open	1 & 2		Determine appropriate time to revisit the SCR capital cost estimate.		Medium	10/5/2011		Paul Hoornaert Sargent & Lundy LLC	Need study results:  > U2 air heater replacement  > Ductwork GA  > Reinforcement  > Confirm staying with urea.

## Gerald Gentleman Station - Unit 1 & 2 Project Action List

Project No. 12681 - 006

All Action Items (Open, Closed, Pending Closure & Hold) - Sorted By:Action Item Number



Action Item	Status	Unit	Document Number	Description	Reference	Priority	Open Date Achievable I Due Date Close Date	ate Responsible Engineer Organization	Remarks Resolution
11 0503	Open	1 & 2		Determine appropriate time to revisit/update the SCR implementation schedule.		Medium	10/5/2011	Paul Hoornaert Sargent & Lundy LLC	Need study results: > U2 air heater replacement > Ductwork GA > Reinforcement > Confirm staying with urea.
11 0504	Open	1 & 2		Share lessons learned with S&L regarding the LNB contracting process.		Medium	10/13/2011	John Meacham Nebraska Public Power District	11-17-11 Update: Discuss during next meeting in Chicago.
11 0505	Open	1 & 2		Cash flow for: wet FGD, wet FGD and SCR; both aggressive and less aggressive construction schedules.		Medium	10/19/2011	Chris Hornish Sargent & Lundy LLC	To be issued 11-18-11.
11 0506	Open	1 & 2		Provide input to NPPD to allow NPPD to have Air Preheater (AP) perform a U1 air heater pressure capability; AP will determine if reinforcement is required.		Medium	10/27/2011	Steve Pasimeni Sargent & Lundy LLC	Bob will provide S&L with the Air Preheater proposal.
11 0507	Open	1 & 2		Contract strategy discussion.		High	11/17/2011	John Meacham Nebraska Public Power District	Through discussion next NPPD visit in Chicago with the goal of identifying the fewest number of comments needed to execute the project.
11 0508	Open	1 & 2		Arrange conference call with Bob Nitsch on FGD waste treatment white paper.		Medium	11/17/2011	Steve Pasimeni Sargent & Lundy LLC	

Printed on November 23, 2011 at 8:42 AM

Closed Items

Pending Closure

On Hold

Page 4 of 4